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Eyler et al.(10) **Pub. No.: US 2019/0017839 A1**(43) **Pub. Date: Jan. 17, 2019**(54) **PROVIDING INFORMATION TO USERS OF
A TRANSPORTATION SYSTEM USING
AUGMENTED REALITY ELEMENTS****G01C 21/32** (2006.01)**G01C 21/34** (2006.01)(52) **U.S. CL.****CPC** **G01C 21/3638** (2013.01); **G02B 27/0101**
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(57)

ABSTRACT

The present disclosure is directed toward systems and methods for an augmented reality transportation system. For example, the systems and methods described herein present an augmented reality environment for a driver or a passenger including augmented reality elements to mark specific locations within a display of real-world surroundings. Additionally, the systems and methods described herein analyze historical information to determine placements for augmented reality elements. The systems and methods also enable a user to share an augmented reality or virtual reality environment with another user.

